

Converting Colors

`RYB(193, 72, 104)`

Have a look what the booklet for
RYB(193, 72, 104) contains.

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Color

$\text{RYB}(193, 72, 104)$

Conversions

Conversions Part 1

Format	Color
Hex	C14868
RGB	193, 72, 104
RGB Percent	76%, 28%, 41%
CMY	0.2431, 0.7176, 0.5922
CMYK	0.00, 0.63, 0.46, 0.24
HSL	344°, 49%, 52%
HSV	344°, 63%, 76%
XYZ	26.8084, 16.9717, 14.9596
YIQ	111.8270, 61.8440, 35.6040

Conversions

Conversions Part 2

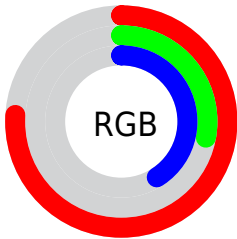
Format	Color
RYB	193, 72, 104
Decimal	12666984
CIELab	48.22, 51.08, 7.53
CIElCh	48, 51.628, 8.387
Yxy	16.9717, 0.4564, 0.2889
Android (android.graphics.Color)	4290857064 (0xFFC14868)
YUV	111.8270, -3.8587, 71.1887
Hunter-Lab	41.1967, 44.0631, 7.3079

Details

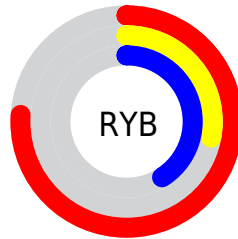
The RYB color **193, 72, 104** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **72, 142, 193**, and the grayscale version is **112, 112, 112**.

A 20% lighter version of the original color is **253, 126, 155**, and **135, 6, 57** is the 20% darker color. If you saturate the color by 10%, you get **193, 53, 90**, and if you desaturate by 10%, it is **193, 91, 118**.

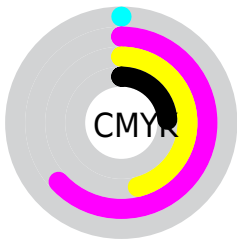
Distribution



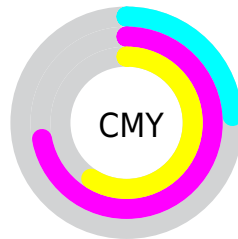
- Red (76%)
- Green (28%)
- Blue (41%)



- Red (76%)
- Yellow (28%)
- Blue (41%)



- Cyan (0%)
- Magenta (63%)
- Yellow (46%)
- Black (24%)



- Cyan (24%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the RYB color 193, 72, 104 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 193, 72, 104 by changing the saturation by 10% instead.

 193, 72, 104  193, 72, 104

255, 255, 255  164, 44, 80


 253, 126, 155  135, 6, 57

 255, 154, 182  106, 0, 36


 255, 182, 209  78, 0, 15

 255, 210, 237  53, 0, 2

 255, 239, 255  1, 0, 0

 0, 0, 0


 193, 72, 104  193, 72, 104

 193, 53, 90  193, 91, 118

 193, 33, 76

 193, 111, 132

 193, 14, 61

 193, 130, 147

 193, 0, 51

 193, 149, 161

 193, 169, 175

 193, 188, 189

 193, 201, 207

 193, 212, 226

 193, 224, 246

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176, 79, 148



193, 72, 104



186, 87, 63

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 72, 104



40, 127, 89



0, 77, 195

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



193, 72, 104



72, 142, 193

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0, 75, 168



193, 72, 104



0, 83, 133

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193, 72, 104



23, 125, 13



0, 70, 135



37, 90, 201

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193, 72, 104



172, 136, 39



0, 70, 135



0, 77, 188

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



193, 72, 104



250, 202, 215



161, 72, 193



125, 96, 104



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 72, 104



250, 62, 112



193, 108, 72



97, 87, 90



161, 0, 42



33, 0, 9

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



193, 72, 104



250, 62, 112



72, 125, 193



97, 87, 90



161, 0, 42



33, 0, 9

Previews

White Background



This preview shows how the RYB color 193, 72, 104 looks on a white background.

Color Contrast Check

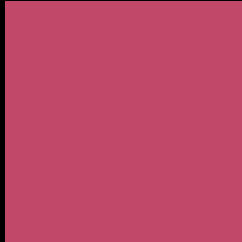
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 193, 72, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 193, 72, 104 Background



This preview shows how black text looks on a background with the RYB color 193, 72, 104.

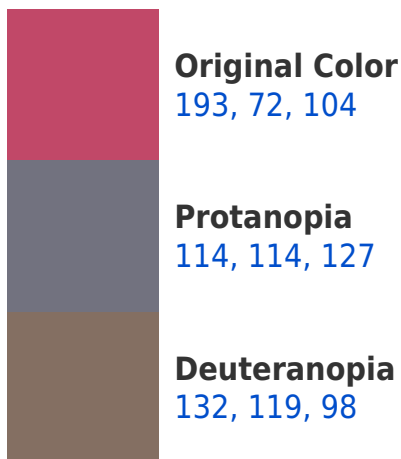


This preview shows how white text looks on a background with the RYB color 193, 72, 104.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
192, 76, 81

Trichromacy



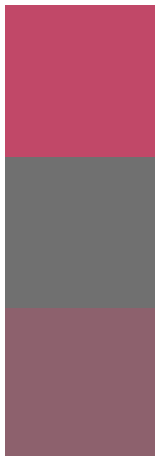
Original Color
193, 72, 104

Protanomaly
143, 99, 119

Deuteranomaly
154, 97, 100

Tritanomaly
192, 75, 89

Monochromacy



Original Color
193, 72, 104

Achromatopsia
112, 112, 112

Achromatomaly
141, 97, 109

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 72, 104 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(193, 72, 104)` looks like.

```
.text, #text, p{  
    color:rgb(193, 72, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(193, 72, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 72, 104) }
```

Border

The CSS property to change the border of an element to RYB 193, 72, 104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 72, 104) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(193, 72, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(193, 72, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 72, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 72, 104);  
box-shadow:4px 4px 4px 4px rgb(193, 72,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 193, 72, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 72, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(193, 72,  
104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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